

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED oil SUB. REPORT/abd.

* Location Abandoned- well never drilled- 2-12-82

DATE FILED 5-22-81

LAND: FEE & PATENTED FED. STATE LEASE NO.

PUBLIC LEASE NO. SL-670968

INDIAN

DRILLING APPROVED: 5-28-81 6-3-81

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH: 4745' 9"

WELL ELEVATION:

DATE ABANDONED: LA Feb 12, 1982

FIELD: Aneth 3/86

UNIT: Aneth Unit

COUNTY: San Juan

WELL NO. Aneth Unit B-414

API NO. 43-037-30674

LOCATION 510' FT. FROM (X) (S) LINE. 1830'

FT. FROM (X) (W) LINE. SE SW 1/4 - 1/4 SEC. 14

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				40S	23E	14	TEXACO, INC,

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

TEXACO, INC.

3. ADDRESS OF OPERATOR

BOX EE, CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface SE/4 SW/4 SECTION 14

At proposed prod. zone 510' FSL 1830' FWL SEC 14 T40S R23E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

APPROXIMATELY 10 MILES NW OF MONTIZUMA CREEK, UTAH

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

510'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1400'

19. PROPOSED DEPTH

5780'

D.C.

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4745' GL

22. APPROX. DATE WORK WILL START*

MAY 28, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	550'	300 SACKS-CIRC. TO SURFACE
7 7/8"	5 1/2"	14#	5270'	FIRST STAGE-300SACKS
7 7/8"	5 1/2"	15.5#	5270' TO 5780'	SECOND STAGE-575 SACKS

DV COLLAR TO BE RUN 150' BELOW TH DE CHELLY AND CEMENT TO BOTTOM OF 8 5/8" CASING.

PROPOSE TO DRILL THIS INFILL WELL IN ORDER TO TO GAIN OPTIMUM PRIMARY AND SECONDARY OIL RECOVERY FROM THE ANETH UNIT. SAMPLES WILL BE TAKEN AT 20' INTERVALS FROM 1500' TO 5000'; 10' INTERVALS FROM 5000' TO TD. NO CORES OR DST'S ARE PLANNED. LOGS WILL BE RUN FROM SURFACE CASING TO TD. BLOW OUT PREVENTER EQUIPMENT WILL BE AS INDICATED ON ATTACHED EXHIBIT, AND WILL BE TESTED AT REGULAR INTERVALS. NECESSARY STEPS WILL BE TAKEN TO PROTECT THE ENVIRONMENT. ESTIMATED DEPTH AT WHICH WATER, OIL, GAS, OR OTHER MINERALS ARE EXPECTED TO BE ENCOUNTERED; 2752' AND 5713'. NO ANTICIPATED ABNORMAL PRESSURE EXPECTED. ANY GAS PRODUCED DURING THESE OPERATIONS WILL BE FLARED.

ESTIMATED FORMATION TOPS

NAVAJO-745 CHINLE-1480' DE CHELLY-2580' HERMOSA-4675' ISMAY-5440' DESERT CREEK-5630'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Alvin R. Marx

TITLE

Field Foreman

(This space for Federal or State office use)

PERMIT NO.

43-037-30674

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

USGS (4)
DURANGOOGCC (2)
SLCGLE (2)
GULF (2)BUREAU OF INDIAN AFFAIRS
SHELL SUPERIORNAVAJO TRIBE
TENNECOAPPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE:

BY:

MAY 22 1981

DIVISION OF
OIL, GAS & MINING

COMPANY Texaco Inc.

Well Name & No. Aneth Unit Well No. B414

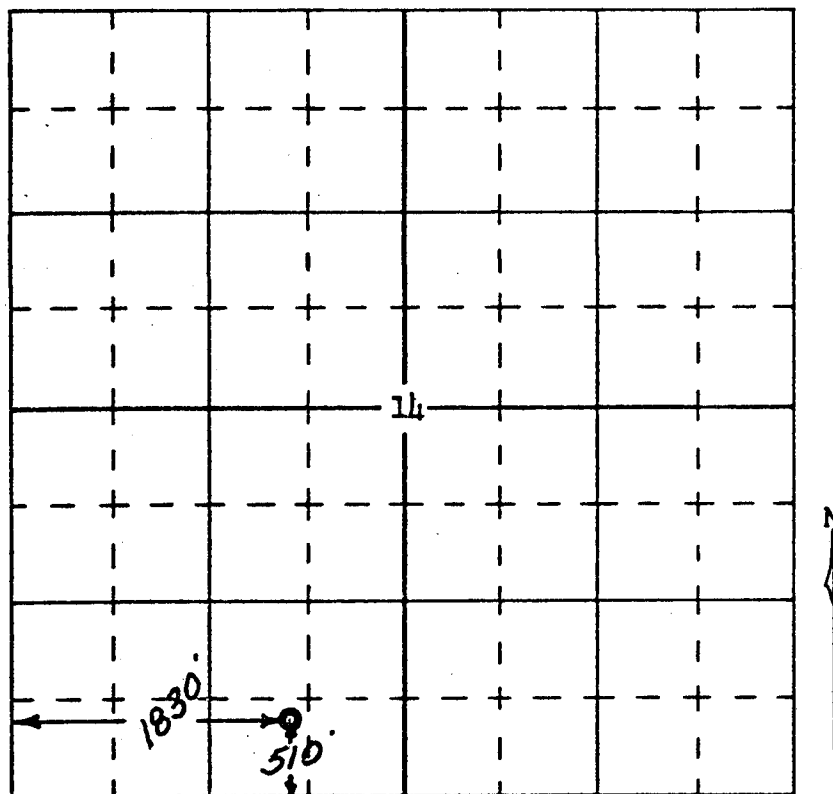
Lease No. _____

Location 510 feet from South line and 1830 feet from West line

Being in San Juan County, Utah

Sec. 14, T.40S., R.23E., S.L.M.

Ground Elevation 4697



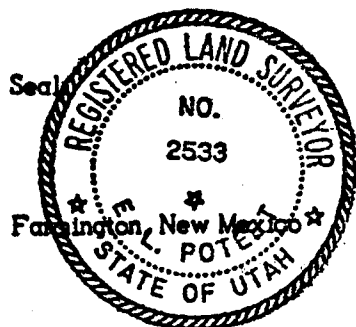
Scale - 4 inches equals 1 mile

Surveyed _____

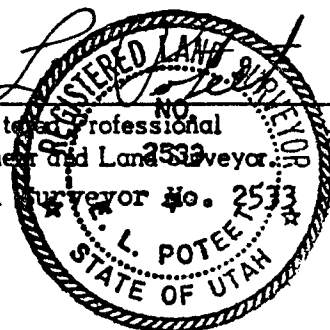
April 24

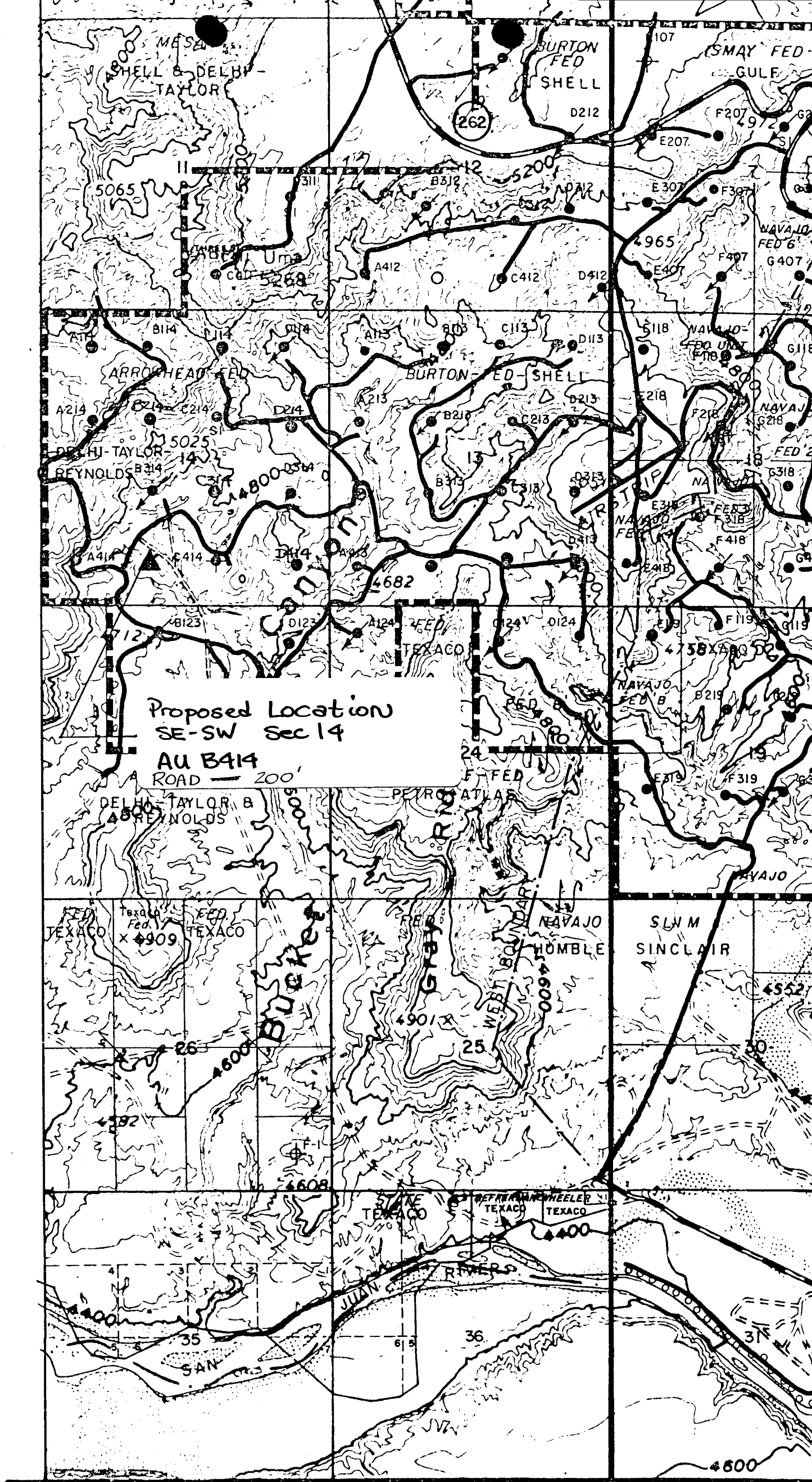
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This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



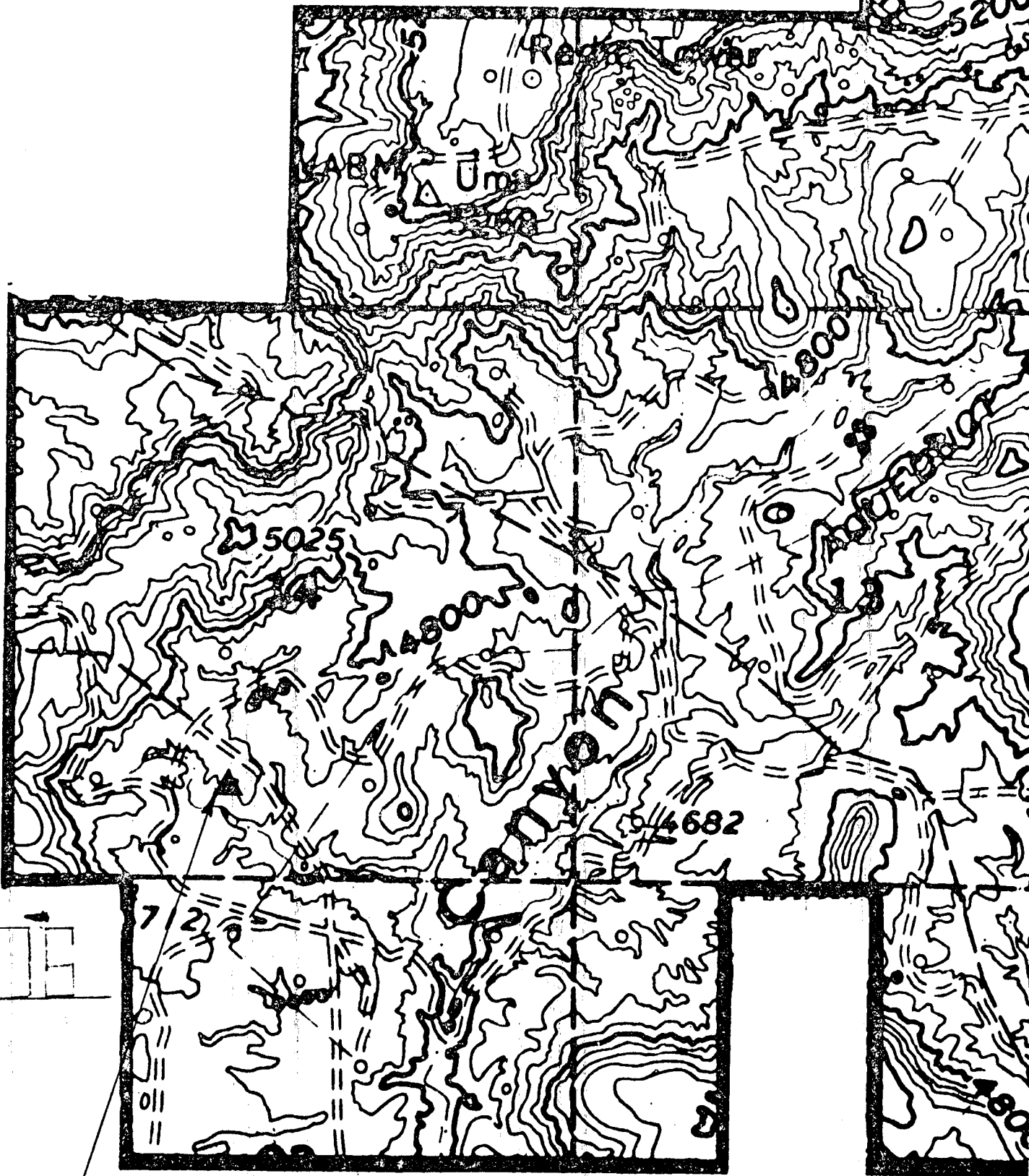
Registered Professional
Engineer and Land Surveyor
Utah Surveyor No. 2533





R231

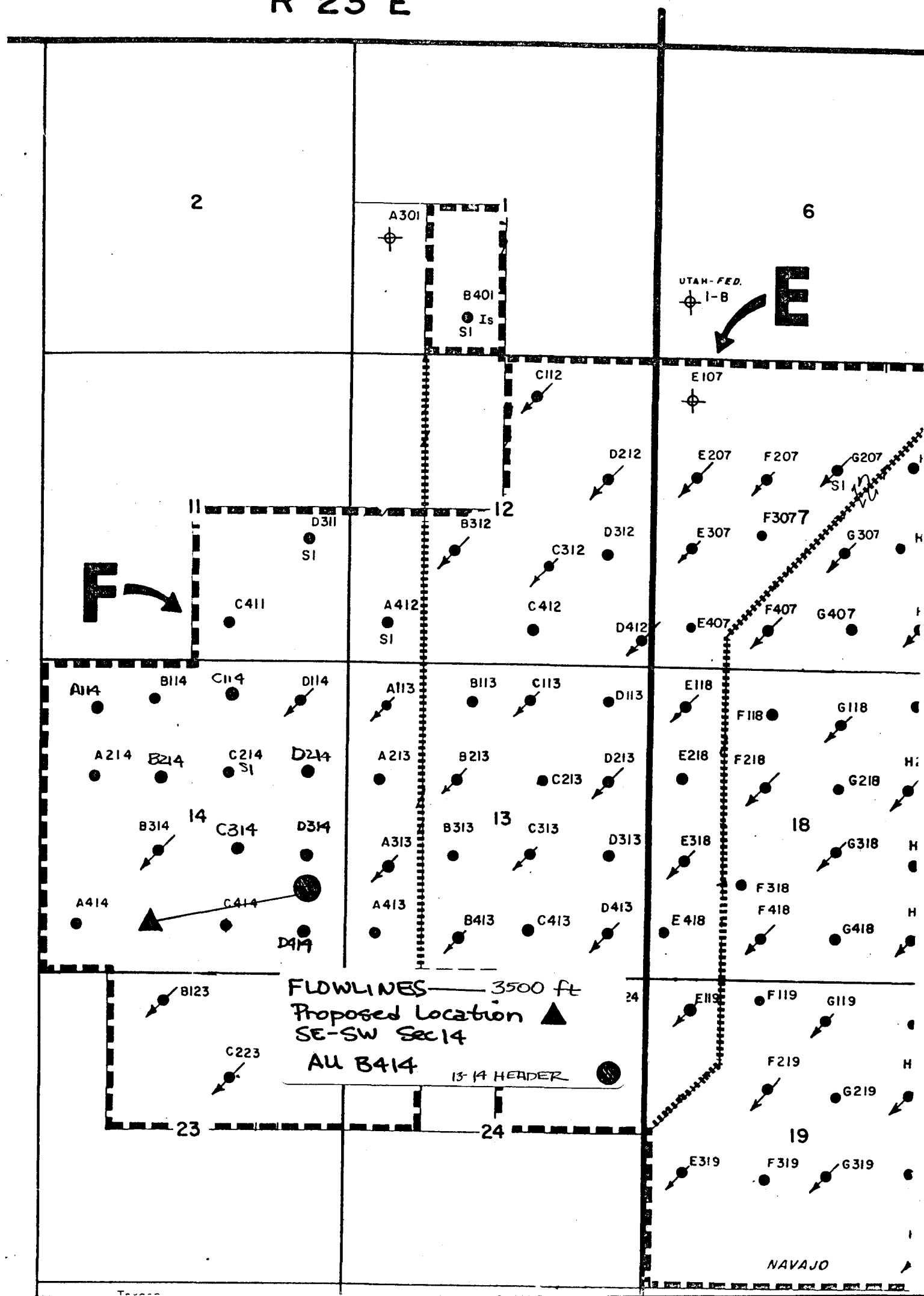
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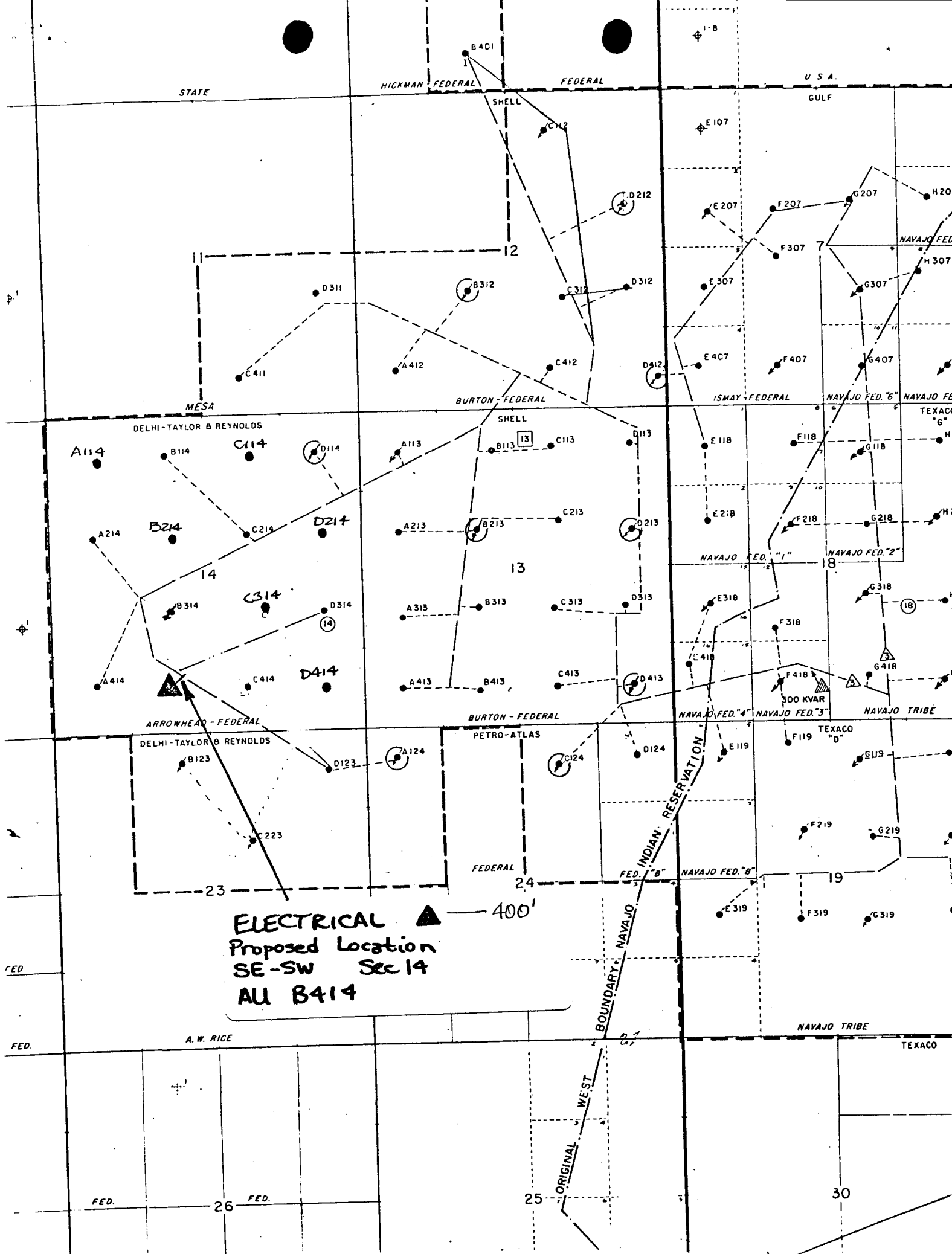


40E

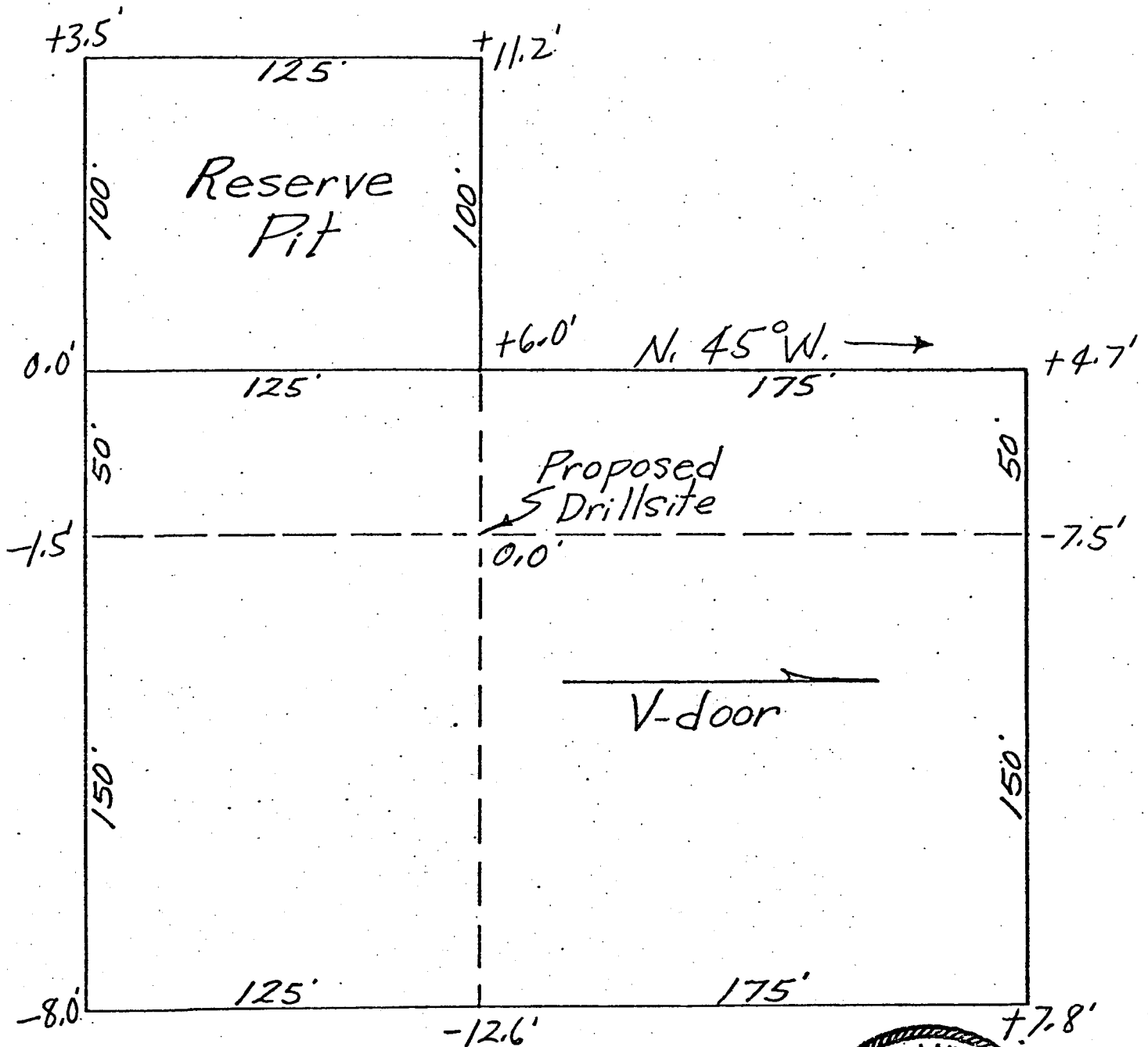
Proposed Location
SE-SW Sec 14
B414

R 23 E



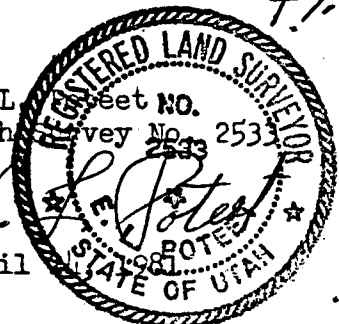


Texaco Inc.
Aneth Unit Well No. B411
510' FSL ' 1830' FWL Sec. 14-40S-23E
San Juan County, Utah



E. L. [Signature]
Utah Survey No. 2533

April



ADDITIONAL INFORMATION

- 1) SURFACE CASING: 0-550': 550' 8 5/8" OD 24# K-55 ST&C CASING
- 2) PRODUCTION CASING:
0-5270': 5270' OF 5 1/2" OD 14# K-55 ST&C CASING
5270' TO 5780': 510' OF 5 1/2" OD 15.5# K-55 ST&C CASING (RUFF COATED)
- 3) BLOWOUT PREVENTER: SCHAFFER, DOUBLE GATE, HYDRAULIC, 900 SERIES.
TESTED WHEN SURFACE CASING IS SET AND AT REGULAR INTERVALS.
- 4) AUXILIARY EQUIPMENT:
(A) KELLY COCK WILL BE USED AT ALL TIMES AND CHECKED DAILY.
(B) SAFETY SUB WITH FULL OPENING VALVE FOR DRILL PIPE ON FLOOR.
- 5) ANTICIPATED BOTTOM HOLE PRESSURE: 2500 PSI
- 6) DRILLING FLUID: FRESH WATER 0-2000'
FRESH WATER GEL 2000' TO TD

Minimum equipment requirements are:

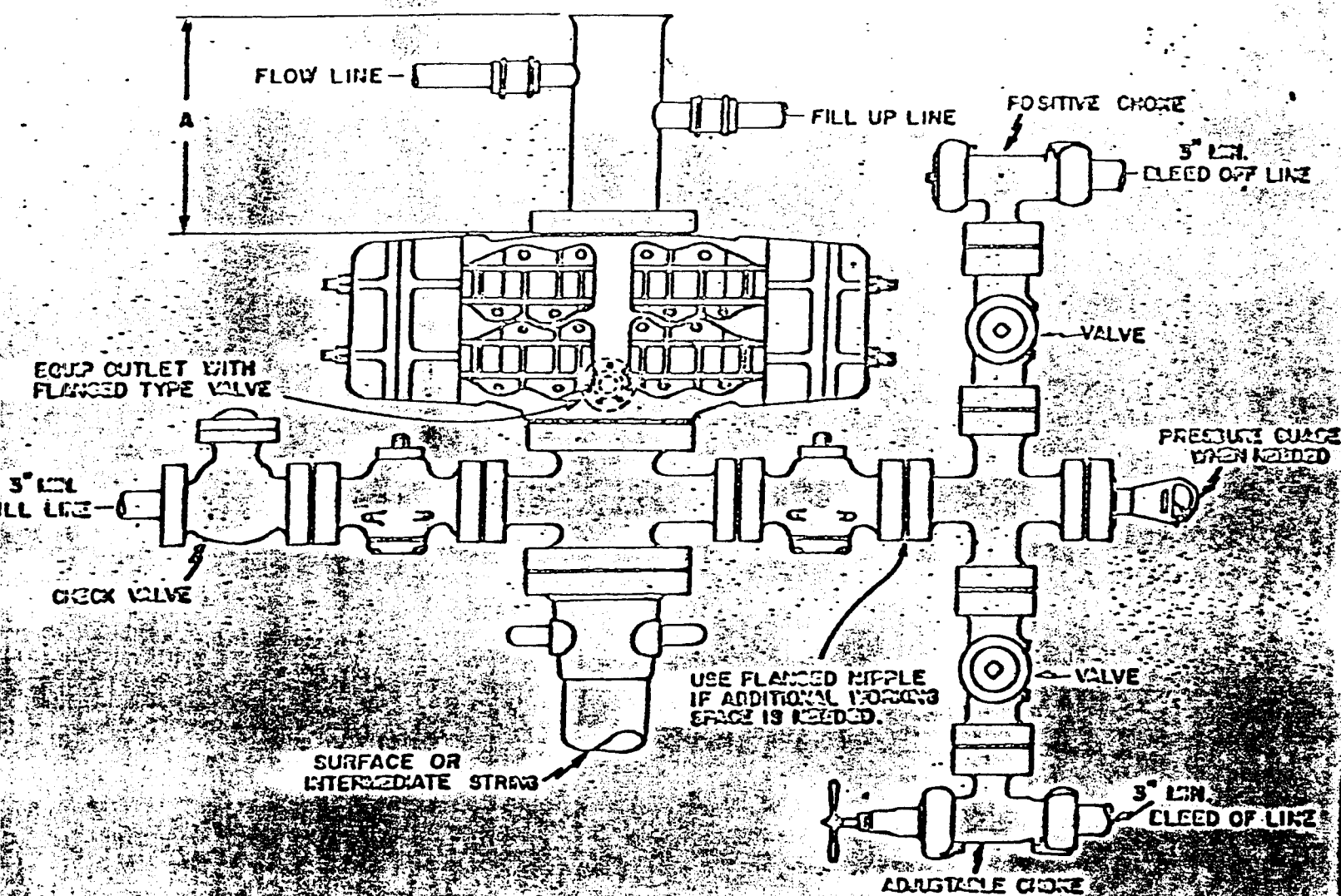
1. Blowout preventers must be capable of being operated both mechanically and hydraulically. Controls must be located so that the blowout preventer can be operated outside the drilling rig substructure. All steel tubing and connections must be used between the hydraulic controls and the blowout preventer.

2. Pressure rating of the blowout preventer and associated connections must be proportional to depth and pressure expectations. Use Figure 1 as a guide in unknown areas.

3. Distance "A" must be sufficient to accommodate a Hydril preventer if required.

4. Chokes, valves, manifold piping and kill line must be flanged and designed equal to or above the pressure rating of the blowout preventer.

5. Kelly cock must be used at all times and should be choked daily.



NOTE: BLOWOUT PREVENTER MUST HAVE DOUBLE RAMS, ONE BLIND & ONE PIPE RAM OR THE EQUIPMENT MUST CONSIST OF TWO BLOWOUT PREVENTERS, ONE EQUIPPED WITH BLIND RAMS & THE OTHER WITH PIPE RAMS. ALWAYS PLACE THE BLIND RAMS IN THE TOP PREVENTER.

ANETH UNIT WELL No. M-130
SAN JUAN COUNTY, UTAH

APPROVED
[Signature]

TEXACO INC.	
DENVER, COLORADO	
BLOWOUT PREVENTER ASSEMBLY	
STANDARD NO. 2	
DATE	BY
DATE	BY
DATE	BY

SURFACE USE AND DEVELOPMENT PLAN
ANETH UNIT WELL NO. B-414
SE/4 SW/4 SECTION 14 T40S R23E
SAN JUAN COUNTY, UTAH

- 1) EXISTING ROADS AND EXIT TO THE LOCATION ARE SHOWN ON THE ATTACHED MAP.
- 2) PLANNED ACCESS ROAD: NO NEW ROADS WILL BE NECESSARY. NO CATTLEGUARDS OR CULVERTS WILL BE REQUIRED.
- 3) OFF-SET WELLS TO THE PROPOSED WELL ARE SHOWN ON THE ATTACHED MAPS.
- 4) THE FLOW LINE WILL RUN 3500' NORTHEAST TO THE 13-14 HEADER.
ELECTRIC LINE WILL RUN 400' NORTH TO EXISTING POWER LINE.
- 5) WATER FOR DRILLING OPERATIONS WILL BE TRUCKED FROM TEXACO'S PRESSURE MAINTENANCE SYSTEM, A DISTANCE OF APPROXIMATELY 8 MILES FROM THIS LOCATION.
- 6) NO ADDITIONAL CONSTRUCTION MATERIALS WILL BE REQUIRED.
- 7) ALL WASTE MATERIAL WILL BE CONTAINED BY EARTHEN AND STEEL PITS. EARTHEN PITS WILL BE SUBSEQUENTLY BACK-FILLED AND BURIED. A PORTABLE CHEMICAL TOILET WILL BE FURNISHED FOR DRILLING PERSONNEL.
- 8) NO SEPERATE DRILL CAMPSITES ARE PROPOSED.
- 9) THE DRILLING SITE LOCATION WILL BE GRADED AND WILL BE APPROXIMATELY 300' X 300' WITH THE NATURAL DRAINAGE TO THE EAST. PROPER GRADING WILL BE USED TO CONTROL EROSION AND THE DRILLING PAD WILL BE COMPACTED SOIL. THERE WILL BE APPROXIMATELY AN 11' CUT ON THE SOUTHWEST SIDE OF THE LOCATION AND A 12' FILL ON THE EAST SIDE OF THE LOCATION.
- 10) THIS LOCATION SLOPES AT AN INCREASE OD 23' PER 250' TO THE SOUTHWEST. THE SURFACE IS SANDY, SPARSELY COVERED WITH VEGETATION NORMALLY FOUND IN THE ANETH AREA. (RABBIT BRUSH, SAGE, SNAKE WEED, EPHEDRA, SHADSCALE, NARROW LEAF YUCCA, PRICKLY PEAR, GALLETA, INDIAN RICE GRASS, BROME, AND THREE-AWN)
- 12) TEXACO'S REPRESENTATIVE:
MR. A.R. MARX
FIELD SUPERINTENDENT
BOX EE
CORTEZ, COLORADO 81321
(303) 565-8401

CONTINUED NEXT PAGE

SURFACE USE DEVELOPMENT PLAN
(CONTINUED)

13) CERTIFICATION:

I HEREBY CERTIFY THAT I, OR PERSONS UNDER MY DIRECT SUPERVISION, HAVE INSPECTED THE PROPOSED DRILLSITE AND ACCESS ROAD; THAT I AM FAMILIAR WITH THE CONDITIONS WHICH PRESENTLY EXIST; THAT THE STATEMENTS MADE IN THIS PLAN ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND CORRECT; AND, THAT THE WORK ASSOCIATED WITH THE OPERATIONS PROPOSED HEREIN WILL BE PERFORMED BY TEXACO, INC., AND ITS CONTRACTORS AND SUB-CONTRACTORS IN CONFORMITY WITH THIS PLAN AND THE TERMS AND CONDITIONS UNDER WHICH IT IS APPROVED.

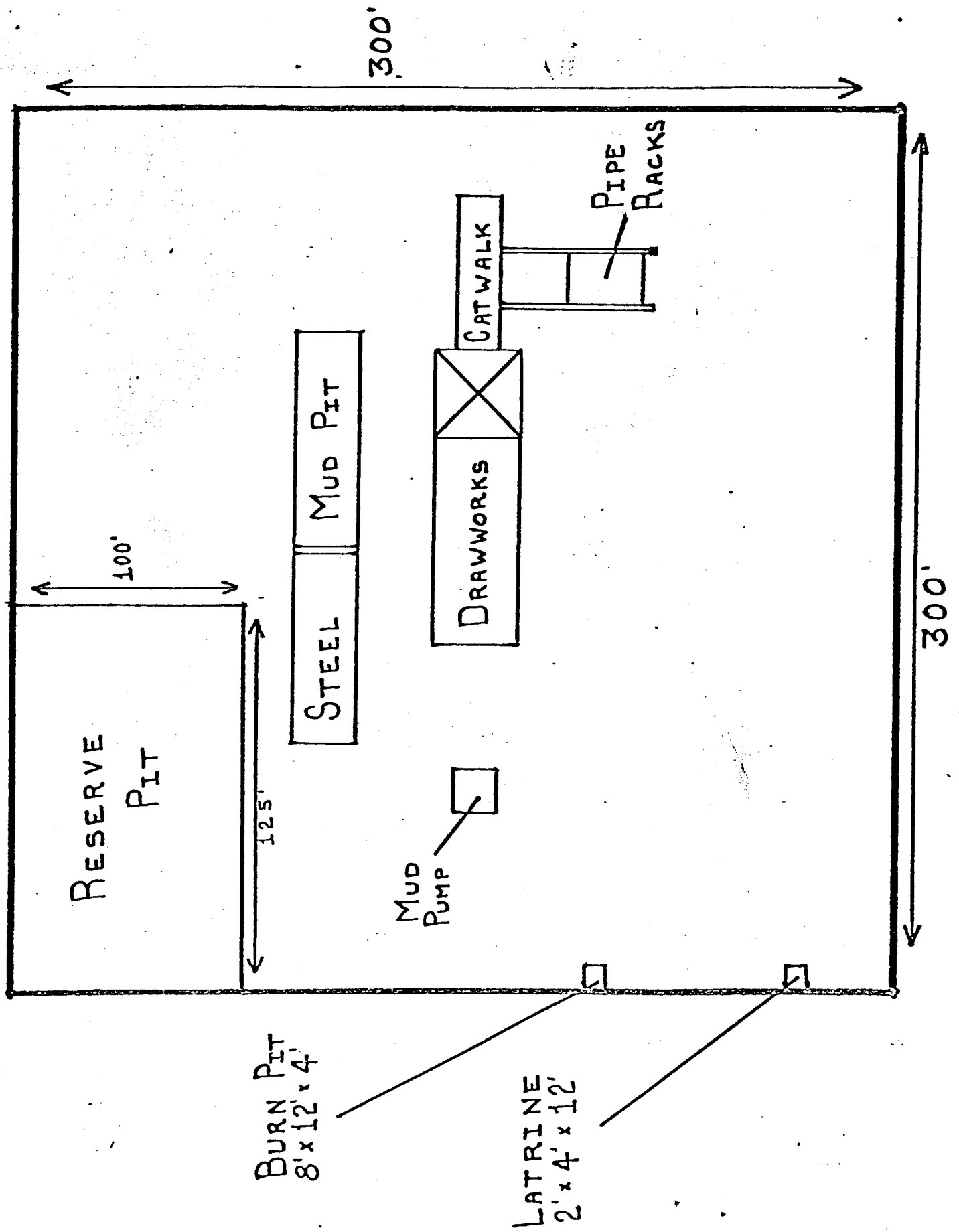
5-19-81

DATE

Alvin R. Marx

A.R. MARX

FIELD SUPERINTENDENT.



AMENDMENTS TO SURFACE USE PLAN

and

RECLAMATION PROCEDURES

Lease No.: SL-670968

Pre-drill Inspection Date: 5/14/81

Operator: TEXACO, INC.

Participants: _____

Well Name: ANETH UNIT B-414

MR. AL MARX TEXACO, INC
MR. TERRY GALLOWAY USGS, DURANGO
MR. JIM SCI SCENTI-ARCHIOLOGIST
(GRAND RIVER CONSULTANTS, INC.)
MR. REED WILSON-BLM-MONTICELLO
MR. STEVE MC. DONALD-
PERRY MC DONALD CONSTRUCTION
MR. JOHN AHLM -ARAPAHOE DRILLING CO.

510' FSL 1830' FWL SECTION 14
Well Location: T40S R23E, SAN JUAN COUNTY, UTAH

Construction:

1. The operator or his contractor will contact the San Juan Resource Area Office in Monticello, Utah (Phone (801) 587-2201) 48 hours prior to beginning any work on public land.

2. The dirt contractor will be furnished with a copy of the Surface Use Plan and any additional BLM stipulations prior to any work.
3. The San Juan County Road Department in Monticello will be contacted prior to the use of county roads for this activity, Mr. Dick Traister at (801) 587-2249.
4. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
5. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to — prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
6. Improvement to existing access (~~will~~/will not) be necessary and will be limited to a total disturbed width of NA feet. New construction will be limited to a total disturbed width of 16 feet. Road surface will be flat bladed to remove brush, no ditching or water bars or culverts will be installed.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

7. The top 6-8 inches of soil material will be removed from the location and stockpiled separate from the trees on the NA side of the location. Topsoil along the access will be reserved in place.

8. A trash pit will be constructed near the mud tanks with steep sides and dug at least six feet into solid undisturbed material. It will be totally enclosed with a fine mesh wire before the rig moves onto the location.

IF NEEDED

9. The reserve pit (will/will not) ^{xxxxxxx} be lined with commercial bentonite or plastic sufficient to prevent seepage. Keyway.

10. Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

11. A burning permit will be required before burning trash between May 1 and October 31. This can be acquired by contacting the State Fire Warden, John Baker at (801) 587-2705.

Rehabilitation

1. Immediately on completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash pit. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the San Juan Resource Area BLM office in Monticello, Utah, phone (801) 587-2201, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 4-6 inches.
7. Seed will be (broadcast/~~drilled~~) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.

2 lbs/acre Indian ricegrass (Oryzopsis hymenoides)
2 lbs/acre Fourwing saltbush (Atriplex canescens)
1 lbs/acre Sand dropseed (Sporobolus cryptandrus)
1 lbs/acre Green ephedra (Ephedra viridis)
 lbs/acre Cliffrose (Cowania mexicana)
 lbs/acre Crested wheatgrass (Agropyron desertorum)
 lbs/acre Western wheatgrass (Agropyron smithii)
 lbs/acre Alkali sacaton (Sporobolus airoides)
 lbs/acre Rubber rabbitbrush (Chrysothamnus nauseosus)
 lbs/acre _____
 lbs/acre _____
 lbs/acre _____

NA
 8. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent future use.

NA
 9. Water bars will be constructed as directed by BLM to control erosion.

Production

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. Enough topsoil will be retained to reclaim the remainder of the location at a future date. The remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.

2. All above-ground production facilities will be painted a neutral color to be approved by the BLM.

3. The access shall be upgraded to the following specifications:

NA

R

** FILE NOTATIONS **

DATE: May 27, 1981

OPERATOR: Texaco Inc.

WELL NO: Aneth Unit B-414

Location: Sec. 14 T. 40S R. 23E County: San Juan

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-037-30674

CHECKED BY:

Petroleum Engineer: _____

Director: OK in unit

Administrative Aide: ok for oil well in aneth Unit

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Sec.

Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

June 3, 1981

Texaco Inc.
Box EE
Cortez, Colorado 81321

Re: Well No. Aneth Unit B-414
Sec. 14, T. 40S, R. 23E, SE SW
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-o37-30674.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight
Director

CBF/ko
cc: USGS



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 29, 1982

Texaco Inc.
Box EE
Cortez, Colorado 81321

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

Well No. Aneth Unit F 415
Sec. 15, T. 40S, R. 24E
San Juan County, Utah

Well No. Aneth Unit #H-115
Sec. 15, T. 40S, R. 24E
San Juan County, Utah

Well No. Aneth Unit #D-411
Sec. 11, T. 40S, R. 23E
San Juan County, Utah

Well No. Aneth Unit #B-412
Sec. 12, T. 40S, R. 23E
San Juan County, Utah

Well No. Aneth Unit A-314
Sec. 14, T. 40S, R. 23E
San Juan County, Utah

Well No. Aneth Unit #B-414
Sec. 14, T. 40S, R. 23E
San Juan County, Utah

Well No. Aneth Unit #C-123
Sec. 23, T. 40S, R. 23E
San Juan County, Utah



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 29, 1982

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

Texaco Inc.
Box EE
Cortez, Colorado 81321

Re: See attached

FEB 1 1982			
CDF		✓	EDU
FME			PRO
DLE			
RWF			
KLG			
HANDLE			
CENTRAL FILE:			
DIST. FILE:			
CALL UP:			

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

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Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

Well No. Aneth Unit F 415
Sec. 15, T. 40S, R. 24E
San Juan County, Utah

L.A.

Well No. Aneth Unit #H-115
Sec. 15, T. 40S, R. 24E
San Juan County, Utah

L.A.

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Sec. 11, T. 40S, R. 23E
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San Juan County, Utah

L.A.

Well No. Aneth Unit #C-123
Sec. 23, T. 40S, R. 23E
San Juan County, Utah

L.A.



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
WEST UNITED STATES
DENVER DIVISION

February 12, 1982

2A
TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

APPLICATION FOR PERMIT TO DRILL
ANETH UNIT WELLS

State of Utah
Natural Resources & Energy
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114


L.A.

Gentlemen:

Reference your letter of January 29, 1982 regarding status of
attached list of wells approved by your office for drilling.

These wells will not be drilled at this time and permits may be
cancelled.

Yours very truly,


C. D. Fitzgerald
District Manager

CDF:RB

cc: JNH-ARM

RECEIVED
FEB 18 1982

DIVISION OF
OIL GAS